

## CLAIMS

1. A golf club head having a hitting surface defined by a sole, a toe, a heel and a top line surface; the head comprising a hitting surface having a plurality of score lines and a plurality of punch marks, the punch marks configured as a visual aid formed as apparent lines that are perpendicular to said score lines.
  
2. A golf club head having a hitting surface defined by a sole, a toe, a heel and a top line surface; the head comprising a sole having a groove pattern formed from a plurality of parallel grooves terminating adjacent said hitting surface and providing teeth-like edges adjacent said hitting surface.
  
3. The golf club head recited in Claim 2 wherein said groove pattern is trapezoidal.
  
4. The golf club head recited in Claim 3 wherein a groove of said groove pattern that is closest to said heel is shorter than a groove that is closest to said toe.

5. A golf club iron head having a hitting surface defined by a sole, a toe, a heel and a top line surface; the iron head comprising a hitting surface that has a maximum distance between said sole and said top line surface that is at least 1.75 inches, a sole that has a maximum distance from said hitting surface that is at least 1.2 inches.

6. The golf club iron head recited in Claim 5 wherein said head has a loft angle that is less than 30°.

7. The golf club iron head recited in Claim 5 wherein said head has a total mass which exceeds 320 grams.

8. A golf club iron having a shaft connected through a hosel to a golf club head having a hitting surface defined by a sole, a toe, a heel and a top line surface; the head comprising:

a sole having a groove pattern formed from a plurality of parallel grooves

5 terminating adjacent said hitting surface and providing teeth-like edges adjacent said hitting surface.

9. The golf club head recited in Claim 8 wherein said groove pattern is trapezoidal.

10. The golf club head recited in Claim 8 wherein a groove of said groove pattern

that is closest to said heel is shorter than a groove that is closest to said toe.

11. A golf club iron having a shaft connected through a hosel to a golf cub head  
having a hitting surface defined by a sole, a toe, a heel and a top line surface; the head  
comprising:

the iron head comprising a hitting surface that has a maximum distance between

5 said sole and said top line surface that is at least 1.75 inches, a sole that has a  
maximum distance from said hitting surface that is at least 1.2 inches.

12. The golf club iron recited in Claim 11 wherein said head has a loft angle that is  
less than 30°.

13. The golf club iron recited in Claim 11 wherein said head has a total mass which  
exceeds 320 grams.

14. The golf club iron recited in Claim 11 wherein said shaft has a length which is less than 37 inches.

15. The golf club iron head recited in Claim 5 wherein said head has a loft angle that is less than 30° wherein said head has a total mass which exceeds 320 grams.

16. The golf club head recited in Claim 11 wherein a groove of said groove pattern that is closest to said heel is shorter than a groove that is closest to said toe;

a shaft connected through a hosel to a golf club head having a hitting surface defined by a sole, a toe, a heel and a top line surface; the head comprising:

the iron head comprising a hitting surface that has a maximum distance between said sole and said top line surface that is at least 1.75 inches, a sole that has a maximum distance from said hitting surface that is at least 1.2 inches;

wherein said head has a loft angle that is less than 30°.

17. A golf club iron head having a sole, a toe, a heel and a top line surface, all defining a hitting surface and a rear cavity; the head comprising a flange extending from said rear cavity away from said hitting surface, the bottom of said flange being defined by a portion of said sole, the top of said flange having a groove that is parallel to the desired direction of travel of a ball hit by said hitting surface.